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**14**

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Date: October 23, 2003  
To: Examiner W. Powell  
Location: United States Patent and Trademark Office  
Fax No.: 703-872-9310  
From: William E. Koch, REG.NO. 29,659/BC  
Subject: 09/676512  
Docket No.: LS990048  
Filed: October 2, 2002

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**MESSAGE:**

Enclosed herewith, please find **amendment** for filing in the above-identified application.

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LS990048  
PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) Rhine, D. , et al. GROUP ART UNIT: 1765  
APPLN. NO.: 09/676,512 EXAMINER: Powell, William A.  
FILED: 10/02/2002

TITLE: MICROFLUIDIC DEVICES HAVING EMBEDDED METAL  
CONDUCTORC AND METHODS OF FABRICATING SAID  
DEVICES

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AMENDMENT

Honorable Commissioner of Patents and Trademarks,  
Washington, D.C. 20231

SIR:

In response to the Office Action mailed July 23, 2003, please reconsider  
the above-identified application as shown below in the included pages entitled  
"Amendments to the Claims - Pending Claims" and "Remarks".